COVID-19 and SARS-CoV-2 Infection Prevention and Control J Conly

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Faculty/Presenter Disclosure

• Financial disclosure affiliations – John Conly :

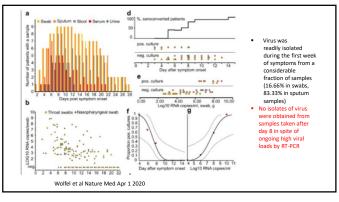
- Honoraria: None
 Speakers' Bureaux, advisory boards: Received funding to attend a meeting on HAI from the CDC and bioMerieux
- CDC and bioMerieux

 Grants/Clinical Trials: Local PI for the STRIVE S. aureus vaccine trial spinal surgery (Pfizer) and holds grants from CIHR, AI-HS, PHAC, AH, AHS, EDT.
- holds grants from CIHR, AI-HS, PHAC, AH, AHS, EI
 Patents, royalties: None
- Investments in health organizations: None
- Other influential affiliations: Member of committees with PHAC, WHO and CIHR

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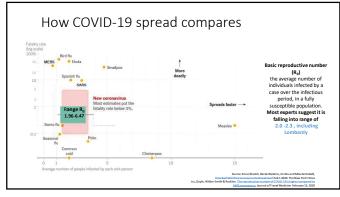
State of the art SARS-CoV-2 Environmental specimens S85 samples collected from 2 batches of South China Seafood City (sampling on 1/1/20): PCR tests showed that 33 samples + for SARS-CoV-2 nucleic acid PCO was successfully isolated from + environmental specimens as well (ProMed) Patient specimens BAL samples (Zhu NEJM) + viral isolation Nacopharyngeal/oropharyngeal (NP/OP) swabs + multiple studies Serum (Lancet 2020) + one patient and Stool RNA in the of indereted patients (ProMed, Holshue NEJM 2020) and 1/3 of patients in the WHO - China Joint Mission Exact duration of shedding not known with certainty Healthcare workers (HCWs) To W HCW infections reported in a series of 425 Chinese patients from Wuhan (Li, NEJM) Vast majority before outbreak recognized and most transmissions were at home Multiple HCWs reported confirmed cases inside and outside of China In a single-center series n= 138 hospitalized cases in Wuhan, China, presumed hospital-related transmission of SARS-CoV-2 was suspected in 41% of patients (Wang, JAMA). Recent paper Wuhan (CID March 2020) single highest RR was poor HH/poor adherence to technique despite full PPE use

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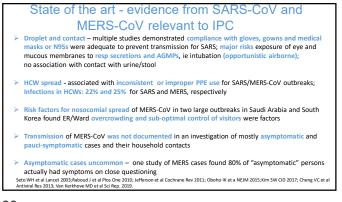








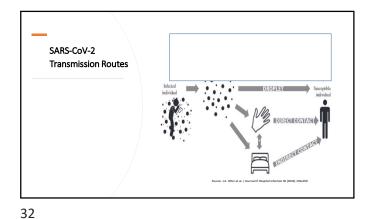
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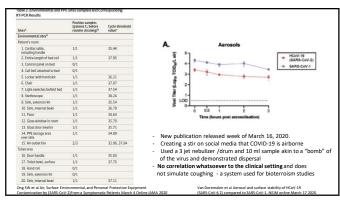




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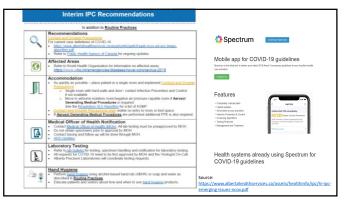






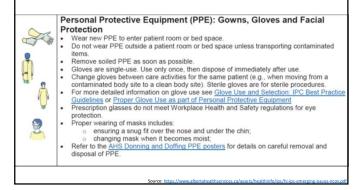


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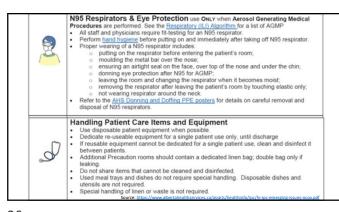




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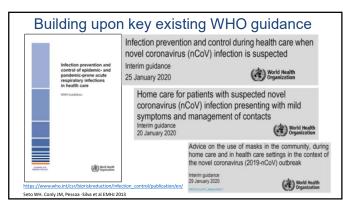


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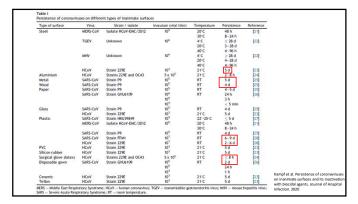




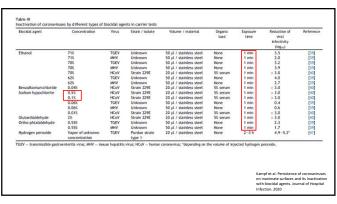
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